

**NAVAL RESEARCH LABORATORY SUMMER RESEARCH PROGRAM FOR
HISTORICALLY BLACK COLLEGE AND UNIVERSITY, MINORITY
INSTITUTION, AND TRIBAL COLLEGE UNDERGRADUATES**

JUNE 7 THROUGH AUGUST 13, 2004
WASHINGTON, DC

*Join one of the Nation's leading multidisciplinary technology programs for a ten-week laboratory internship.
Research opportunities include:*

- Liquid Crystal Chemistry and Physics
- Immunoassay-Based Detection of Environmental Pollutants
- Microstructural Studies of Advanced Steels
- Computational Design of Materials
- Laser Processing of Biomaterials
- Novel Materials Joining Processes
- Elastomers and Functional Polymers
- Biosensor Design and Engineering
- Surface Modification with Biomolecules
- Plasma and Particle Beam Diagnostics
- Information Extraction of Natural Language Concepts

PROGRAM DATES: JUNE 7 THROUGH AUGUST 13, 2004

Applicants must participate continuously for the *full ten weeks* of the program.

PROGRAM DESCRIPTION:

Research interns are active participants in major research programs. They conduct hands-on laboratory research, working a minimum of 40 hours per week under the guidance of senior NRL staff. Students are expected to complete weekly progress reports. At the conclusion of the program, students will prepare written reports and make brief presentations describing their summer's work.

ELIGIBILITY:

Internships will be awarded competitively to students currently enrolled at a Historically Black College or University, Minority Institution, or Tribal College or University (HBCU/MI/TCU). Preference is given to students who have completed at least two years of undergraduate training and are planning careers in science, mathematics and engineering. This program is not intended for pre-medical students. Prior laboratory experience is desirable. Candidates must be U.S. citizens or have permanent residency.

STIPEND:

Successful applicants will receive a stipend of \$440.00 per week for the ten-week program (\$4400.00 total) and a travel allowance of up to \$400.00.

HOUSING:

A limited number of double rooms are available at the Navy Lodge adjoining NRL at a weekly rate of \$115.00 per person. These rooms will be distributed to students in order of receipt when a completed acceptance response is received.

APPLICATION PROCEDURE:

A completed application form, official transcript, and three letters of recommendation must be received by February 13, 2004. All applicants will be notified by March 19, 2004. Send completed application to Mark Spector, Naval Research Laboratory, Code 6910, 4555 Overlook Ave. SW, Washington, DC 20375-5348. Applicants are encouraged to indicate any specific research areas that interest them. Please consult the summer web site under opportunities for examples for further information.

FURTHER INFORMATION:

Mark Spector	(202) 404-6051 or spector@cbmse.nrl.navy.mil
Paul Charles	(202) 404-6064 or ptc@cbmse.nrl.navy.mil
George Spanos	(202) 767-5799 or spanos@anvil.nrl.navy.mil
	FAX: (202) 404-3064

<http://nrlbio.nrl.navy.mil/summer.asp>

NAVAL RESEARCH LABORATORY SUMMER RESEARCH PROGRAM FOR HBCU/MI/TCU UNDERGRADUATES

Naval Research Laboratory
Center for Bio/Molecular Science and Engineering, Code 6900
4555 Overlook Avenue, SW
Washington, DC 20375-5348
PHONE (202) 404-6051
FAX (202) 404-3064

STUDENT APPLICATION

Please print or type (Use Black Ink)

LAST	FIRST	MIDDLE	SOCIAL SECURITY #
NAME:			
NAME	CITY	STATE	ZIP CODE
INSTITUTION:			
DEPARTMENT:			ACADEMIC RANK: [] Freshman [] Junior [] Graduate [] Sophomore [] Senior
ETHNIC BACKGROUND: [] African American [] Hispanic American [] Native American [] Other (describe):			SEX: [] M [] F
CURRENT MAILING ADDRESS:			TELEPHONE ()
PERMANENT HOME ADDRESS:			TELEPHONE ()
E-MAIL:			
CITIZENSHIP:			VISA STATUS (if other than US Citizen):

COLLEGES/UNIVERSITY ATTENDED	MO	YR	TO MO	YR	DEGREE RECEIVED (OR EXPECTED)	COURSE OF STUDY	
						MAJOR	MINOR

List all of your undergraduate courses and grades in your major and minor field. Include courses you are taking currently (mark them with an X in the grade field).

COURSES	GRADE POINT AVERAGE	COURSES	GRADE POINT AVERAGE

INDICATE YOUR GRADE POINT AVERAGE TO DATE (A=4.0, B=3.0, C=2.0, D=1.0, E & F=0).

All Undergraduate Courses _____ All Undergraduate Math & Science Courses _____

Describe your educational and career goals and their relationships to this program (attach additional sheets if necessary).

Describe your relevant professional and research experiences (list name of employer, supervisor, and dates).

List any publications, fellowships or scholarships, and other pertinent skills or achievements.

List computer languages with which you are familiar and level of proficiency.

COMPUTER LANGUAGE	EXCELLENT	GOOD	FAIR

Indicate any research projects that interest you (see web site under opportunities for examples).

List the names, addresses, and phone numbers of three people who are well-acquainted with your educational and scientific background.

NAME	POSITION	COMPLETE ADDRESS	PHONE NUMBER

SIGNATURE

DATE

APPLICATION INSTRUCTIONS: Return the completed application, three letters of recommendation and an official transcript to the above address before **February 13, 2004**.